

FY03Right Whale Competitive Grant Program Awards

Grant Number	Grant Category ¹	Principal investigator	Institution	Title	Year 1 Amount	Total Amount
2003-4	9	Peter Tyack	WHOI	Impacts of Vessel Noise on North Atlantic Right Whale Social Communication	99,124	201,141
2003-6	2,3,4	Douglas Nowacek	Florida State University	Why Do North Atlantic Right Whales Fail to Avoid Ships	254,773	593,143
2003-10	5	Hal Caswell	WHOI	Population Studies of the North Atlantic Right Whale: An Essential Tool for Population Assessment	106,791	447,800
2003-11	6	Mark Hahn	WHOI	Molecular Markers of Reproductive Function and Contaminant Susceptibility in the North Atlantic Right Whale	101,198	208,700
2003-12	2, 6	Mark Johnson	WHOI	Development of a Thermal D-Tag: Integrating Acoustics, Locomotor and Thermal Behavior of Right Whales	171,966	171,966
2003-15	6	Howard Rosenbaum	Wildlife Conservation Society	Genetic Diversity and Population Structure Among North Atlantic Right Whales from 16th Century and Eastern North Atlantic Ocean	126,346	126,346
2003-17	4	Owen Nichols	CCS	Analysis of Risk to North Atlantic Right Whales (<i>Eubalaena glacialis</i>) from Shipping Traffic in Cape Cod Bay	21,500	21,500
2003-20	1	Chris Clark	Cornell Univ	Real-time Detection and Reporting of Northern Right Whale (<i>Eubalaena glacialis</i>) Using Passive Acoustics	241,718	608,605

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2003-22	6	John Wise	University of Maine	The genetic effects of environmental contaminants on the reproductive systems of the North Atlantic right whale (<i>Eubalaena glacialis</i>)	159,498	497,249
2003-23	1	Dave Mellinger	Oregon State Univ	Passive Acoustic Monitoring for Right Whales in Historic and Unsurveyed Habitats	102,421	173,028
2003-24	1	Julie Albert	Marine Resources Council of East	Northern Right Whale Tracking Project	25,991	25,991
2003-25	7	Andrew Pershing	Cornell Univ	An Operational System to Estimate Right Whale Feeding Areas from Satellite Data	119,174	341,559
2003-27	5,6,9	Scott Kraus	New England Aquarium	Right Whale (<i>Eubalaena glacialis</i>) Research and Monitoring in the Bay of Fundy	141,964	438,797
2003-28	5,6,9	Scott Kraus	New England Aquarium	Offshore Surveys for Right Whales (<i>Eubalena glacialis</i>) in the Gulf of Maine	97,244	300,571
2003-31	5	Mason Weinrich	Whale Center of New England	Fall boat-based survey on Jeffreys Ledge for North Atlantic right whales: Distribution, abundance, behavior, ecology, and photo-identification	80,425	80,425
2003-32	6	Heather Pettis	New England Aquarium	Assessing North Atlantic Right Whale Health and Its Effects on Reproduction and Survivorship	23,914	23,914
Total					1,874,047	4,260,735

¹ Grant categories are as follows:(1) Detection and tracking of right whales; (2) Behavior of right whales in relation to ships; (3) Relationships between vessel speed, size or design with whale collisions; (4) Modeling of ship traffic along the Atlantic coast; (5)

Population monitoring and assessment studies; (6) Reproduction, health and genetic studies; (7) Development of a Geographic Information System database or other system designed to investigate predictive modeling of right whale distribution in relation to environmental variables; (8) Habitat quality studies including food quality and pollutant levels; and (9) Any other work relevant to the recovery of North Atlantic right whales.